Amateur Radio Newsline(tm) Report 1786 - November 4 2011

The following is a closed circuit advisory and not necessarily for air. With the latest on Amateur Radio Newsline's financial status here is our producer Bill Pasternak, WA6ITF:
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Well, the last time I was on here with a financial report I told you that I thought we had enough in the bank to hold us over the summer months of July to September, and that I would not be asking for any contributions unless the sky was falling. Well I'm happy to say that the sky didn't fall and that I was able to keep that promise thanks to some frugal spending we made it. However, no matter how conservative ones spending is, there are still ongoing expenses that have to be met on a month to month basis, and as of now it will be hard to meet the bills for October that are piling up. So this time, we are trying something a bit different. Instead of waiting for the last minute, were are asking bulletin stations to spread the word that by the end of November we need to raise about $900 to $1000 so that we will be in a position to pay the all of the invoices, and hopefully hold us through to the end of the year. To be candid, I do not like to lead off a newscast with an appeal such as this, but we have no other method of getting the word out to you that we need your financial assistance to keep Amateur Radio Newsline on the air. To all of us involved, each donation is looked upon as an ongoing vote of confidence in the quality of the news and information that we provide each week. And for this I add my personal thank you. Remember, Amateur Radio Newsline is a 501c3, not for profit corporation and your donations are tax deductible. The easiest way to donate is by going to our website at www.arnewsline.org and clicking on the Pay Pal button down the page. Or you can mail a donation to the address you will hear at the end of this weeks newscast. Whichever method you choose, the all volunteer Amateur Radio Newsline team says thank you so much for caring. We promise to do all that we can to continue bringing you the news and information you want to hear about amateur radio and personal communications in the coming years. Thank you. I'm Bill Pasternak, WA6ITF, and now this weeks newscast.
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Thank you Bill. Now, Amateur Radio Newsline report number 1786 with a release date of Friday, November 4th, 2011 to comes your way in 5-4-3-2-1. The following is a Q-S-T. The ARRL makes its first

statement to the FCC's 2nd Report and Order on BPL, the FCC terminates several long pending matters dealing with ham radio, more unlicensed broadcasters are fined in Florida, a record setting ham radio test session is held in California and news of a free resource for all ham's, shortwave listeners and other radio hobbyists, especially those based in the USA. All this and more on Amateur Radio Newsline(tm) report number 1786 coming your way right now.

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THE BPL SAGA: ARRL ISSUES FIRST COMMENTS ON SECOND REPORT AND ORDER ON ACCESS BPL

The ARRL has issued its first comments to the FCC's Second Report and

Order on Access Broadband over Powerline. Amateur Radio Newsline's Mark Abramowicz, NT3V, is here with the details:

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To sum it up, the American Radio Relay League is disappointed with the FCC's decision. According to the ARRL Letter and the ARRL's website, the FCC's ruling on the whole issue of Broadband over Power Line missed the mark on the concerns about levels of radiated emissions which would cause interference on the ham bands.

For those who may not have been following this, BPL as the technology is called, is a way electric companies see of getting the internet out to suburban and rural customers, simply by having a customer plug into an electrical outlet in their home or apartment. The access would then be sent down existing electric lines.

But tests by the ARRL and other organizations shows the technology is pretty noise intensive. The ARRL's proposed solution to the FCC was mandatory notching of the amateur radio bands to a level 35 dB below the general emission limit.

The FCC rejected the ARRL's suggestion and those of its own staff and suggested 25 dB notching should be sufficient to handle the problem. That's only 5 dB above the current allowable peak of 20 dB.

The ARRL says the commission also made some changes on the distance for a measurement antenna and a power line being used for BPL for the purpose of extrapolating the level of interference.

The ARRL's Chief Executive Officer Dave Sumner K1ZZ, also is quoted as saying the league feels the FCC grossly mischaracterized the organization's position.

And, the ARRL accuses the FCC of defying the laws of physics in some of its arguments for its position.

But, the ARRL also praises the FCC for one statement in its findings. The conclusion that harmful interference must be corrected under any circumstance.

But Sumner, as quoted by the ARRL, says the FCC's actions don't back up its words, especially with regard to interference complaints. He notes that the ARRL's own, welldocumented formal interference complaint about BPL has been languishing at the FCC since last December.

The ARRL notes that the FCC's data on how many BPL systems are in operation today is flawed, and states the government agency lists so-called paper systems that were never even built, systems that are still in the planning stage, some in the trial stage, and those that simply were shut off.

The ARRL's Sumner vows a thorough review of the FCCs BPL document and pledges there will be a petition for reconsideration filed.

He notes that while the marketplace has not embraced BPL, there are

some smart grid technology applications which could creep in and cause future problems for hams.

Sumner's bottom line according to the ARRL publication and website, is fixing the rules now - making notching mandatory, so anyone else deciding to use the technology will play on the same field as the few existing BPL providers who have acknowledged the need to notch their systems so as not to interfere with the amateur radio bands.

For the Amateur Radio Newsline, I'm Mark Abramowicz, NT3V, in Philadelphia.

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For those of you new to ham radio and who may be unaware of the kind of havoc that access BPL can bring to the amateur bands and what the League has been doing to protect the ham bands from it, you might want to take a look at the video titled "The ARRL Goes To Washington." You can find it online at tinyurl.com/arrl-bpl-movie. (ARNewsline(tm) from ARRL information)

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RADIO LAW: FCC CLOSES THE DOOR ON PETITION TO MAKE ALL HAM GEAR FIELD SERVICEABLE

The FCC's Consumer and Governmental Affairs Bureau has terminated as dormant several pending proceedings, several of which involve amateur radio. The first matter terminated is RM-10412. This was petition filed several years ago by Nickolaus Leggett, N3NL, would mandate that all commerciallymanufactured amateur radios sold in the United States be field repairable and among other things would require a minimum component spacing.

In its decision to close RM-10412, the FCC noted that Leggett requested that it keep the matter open to allow various parties to submit additional comments on regulatory steps that would enhance certain aspects of the Amateur Radio Service. However, on April 15, 2004, the Commission released a Notice of Proposed Rulemaking and Order which specifically denied RM-10412. Since, by this action, RM10412 should have already have been closed, the FCC says that it rejects the request by N3NL to keep it open. (FCC)

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RADIO LAW: 1991 PETITION TO PROTECT CIVILIAN COMMUNICATIONS GEAR FROM EMP DAMAGE DISMISSED

Yet another long dormant proceeding dismissed by the FCC was RM-5528 that has been going nowhere since it was filed back on October 22nd of 1991. Requested by Nickolaus Leggett, N3NL and Donald J. Schellhardt, KI4PMG, Docket RM-5528 would in essence have required all civilian solid state communications gear to be electronically and mechanically shielded against damage or destruction from Electromagnetic Pulse or EMP effects. Leggett and Schellhardt and wanted RM 5528 to be scanned

into the Electronic Comment Filing System and that it be left open for additional public comments stating that EMP is a vital issue that needs to be addressed one way or the other. Now it appears that will not happen as the FCC notes that RM-5528 was closed by this previous action, the FCC rejects the request that the proceeding remain open. (FCC)

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BREAK 1

>From the United States of America, We are the Amateur Radio Newsline, heard on bulletin stations around the world including the KL7ION repeater serving Anchorage, Alaska.

(5 sec pause here)

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RESCUE RADIO: NOVEMBER 9 EAS TEST TO BE SHORTENED

Some breaking news regarding the nationwide Emergency Activation System or E-A-S test slated for November 9th at 2 p.m. Eastern Time.

According to an e-mail distributed by the National Association of Broadcasters to a number of industry leaders on November 3rd the NAB was informed by the Federal Emergency Management Agency that the audio portion of the test will now last 30 seconds, instead of the originally planned two and a half minutes. This should result in a total test time of approximately 45 to 60 seconds, including the data burst tones.

Radioworld on-line says that ths change was reportedly made at the direction of Secretary of Homeland Security Janet Napolitano. The National Association of Broadcasters says that it will be providing more information as it learns the details. (via e-mail from radioworld.com)

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RADIO LAW: FCC CLOSES ACTION ON FCC PETITION TO MAKE 2300 to 2305 MHZ PRIMARY TO AMATEUR RADIO

Another rules change request being terminated is RM-10165. It was filed by the ARRL on May 7, 2001 and requested that the Amateur Radio Service allocation status in the 2300 to 2305 MHz band be changed from secondary to primary. The FCC says that after 11 years its time to finally bring this one to an end. Amateur Radio Newsline's Norm Seeley, KI7UP, has the details on this one:

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On October 10, 2002, the Commission's Office of Engineering and Technology issued an Order dismissing ARRL's Petition. But the ARRL claims that the order did not resolve the issue of the allocation status of the Amateur Radio Service in the 2300 to 2305 MHz band, or

ARRL's request for a primary allocation in that segment. As such the ARRL maintains that the status of the Amateur Radio Service allocation at 2300 to 2305 MHz remains relevant because of actions taken by the Commission with respect to an adjacent band at 2305 to 2320 MHz; because ARRL has filed a Petition for Reconsideration regarding the actions taken in the 2305 to 2320 MHz band; and due to other unrelated proposals for use of the 2300 to 2305 MHz band.

Regarding the 2305 to 2320 MHz band, on May 2010, the Commission issued an Order that amended certain rules governing the Wireless Communications Service or W-C-S. This to enable W-C-S licensees to provide mobile broadband services.

In doing so, the Commission openly acknowledged that out-ofband emissions that could result from expanded use of W-C-S mobile devices in the 2305 to 2320 MHz band have the potential to increase interference to amateur radio operations in the 2300 to 2305 MHz band. However, during the course of the W-C-S proceeding, the FCC notes that the ARRL did not file any comments raising the issue of whether the Amateur Radio Service allocation status in the 2300 to 2305 MHz band should be modified. The FCC also notes that although the ARRL filed a Petition for Reconsideration of the W-C-S Order, it did not request a change in the status of the Amateur Radio Service allocation at 2300 to 2305 MHz in that filing. In fact, in its Reply Comments to the Opposition to its W-C-S Petition, that the ARRL specifically stated that it was not asking the Commission to revisit any aspect of its past decisions regarding that status.

As a result the FCC says that it believes that the RM-10165 proceeding concerning ARRL's request to change the status of the Amateur Radio Service to primary in the 2300 to 2305 MHz band should be terminated, since its request had already been dismissed and ARRL did not file a petition for reconsideration of that dismissal order.

For the Amateur Radio Newsline, I'm Norm Seeley, KI7UP, watching the happenings in the nations capital from Scottsdale, Arizona.

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However the FCC did leave open the door to future change. In its termination order the Commission said that if the ARRL still desires a change in the Amateur Radio Service allocation status in the 2300-2305 MHz band, it can file a new petition for rulemaking. In the meantime, RM-10165 is terminated. (FCC)

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RESCUE RADIO: THAILAND FLOODING HAM RADIO UPDATE

We have an update on ham radio assistance in Thailand where severe flooding has already claimed over 370 lives in less than three months. Word is that flood waters have closed in on the capital Bangkok. This as the authorities struggle to divert as much water as possible around the city as possible.

But according to Tony Waltham, HS0DX, for many areas to the north of

the capital it is too late. Hundreds of communities are reported to be uninhabitable with flood water more than two or three meters high. 1 meter is the equivalent of 3.28 feet

Amateur radio has been playing an ongoing role in this disaster with operators helping to co-ordinate relief and rescue work using VHF two-way communications and repeaters, HF communications in the 40 meter band from 7 dot 060 to 7 dot 063 MHz on 40 meters. That operation under the direction of the Radio Amateur Society of Thailand continues as we go to air and is expected to be ongoing for some time to come.

There are also several Echolink conference rooms set up to aid in relief efforts. These include one named "Bangkok", "Thailand" and HS0AC. A list of VHF frequencies and repeaters can be found at www.qsl.net/rast.

Ham radio has also seen its share of destruction due to the rains. Among the areas inundated by more than a meter of water is the campus of the Asian Institute of Technology, where the Radio Amateur Society of Thailand's H-F club and contest station HS0ACis located. All the gear there is reported to be under water and may not be salvageable. (VK3PC)

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RESCUE RADIO: GLOBESET 2011 TO BE HELD NOVEMBER 12

Headquarters stations of all International Amateur Radio Union Region 2 Member Societies and stations of emergency communications groups are invited by IARU Region 1 to participate in the next Global Simulated Emergency Test. This event will take place on Saturday, November 12th, from 11:00 to 15:00 local time. YV5RNE will be the Region 2 Headquarters Station on the IARU Center of Activity frequencies. More information is on-line at tinyurl.com/globeset-2011. (HR2P)

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ENFORCEMENT: ANOTHER UNLICENSED FLORIDA BROADCASTER DINGED $10000

Florida seems to continue to hold the dubious honor as the nations unlicensed radio station capital. This with yet another unlicensed broadcaster being issued a Notice of Monetary forfeiture in the amount of $10000.

This time the recipient of the Commissions proposed fine is one Willis Cernogg, Jr. of Miami. According to the FCC, this past January 21st, March 24th, and April 14th agents from the Enforcement Bureau's Miami Office locate the source of radio frequency transmissions on 90.7 MHz to a residence in Miami, Florida, shared by Cernogg and several others. On January 21st and March 24th, the agents determined that the signals being broadcast exceeded the limits for operation under Part 15 of the Commission's rules and therefore required a license.

On April 14th Miami FCC agents inspected the station after the Miami Police Department executed a search warrant and secured the residence. The agents observed that the station's transmitter display read 90.7

MHz. A person who rented a room at the residence stated that Mr. Cernogg put the radio equipment in the locked area where police found it, and also provided Mr. Cernogg's phone number. Subsequently, an agent from the Miami Office conducted an Internet search and found profile information for user "LadyLuckRadio907FMMiami" discussing an underground radio station on 90.7 FM. They also found a Twitter user called "LADYLUCKRADIO" listing.

Based on the evidence it has gathered the FCC on October 25th issued a Notice of Monetary Forfeiture in the amount of $10000 to Cernogg. He was given the customary 30 days to pay the proppsed fine or to register an appeal. (FCC)

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ENFORCEMENT: FCC REDUCES $10000 NAL FOR UNLICENSED OPERATION TO $250

Still in Florida, the FCC has affirmed a monetary forfeiture in the amount of $250 to Thomas L. Morey of St. Petersburg. This for what the Commission says was his willful and repeated violation of section 301 of the Communications Act by operating an unlicensed radio transmitter on the frequency 88.3 MHz.

Back this past May 5th the Enforcement Bureau's Tampa Office issued a $10,000 Notice of Apparent Liability for Forfeiture to Morey for his operation of an unlicensed radio transmitter without the requisite Commission authorization. Morey submitted a response to the N-A-L requesting cancellation of the proposed forfeiture, asserting that he was in no position to be able to pay the that amount. He also provided the necessary records to prove this to be the case.

After having reviewed Morey's documentation, the FCC concluded that the forfeiture should be reduced to $250. This they say is an amount within the range determined by the Enforcement Bureau to be affordable by Thomas Morey. Morey was given the customary 30 days from the October 18th release date of the order to pay that amount or the case may be referred to the Department of Justice for further enforcement. (FCC)

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BREAK 2

This is ham radio news for today's radio amateur.

>From the United States of America, We are the

Amateur Radio Newsline with links to the world

from our only official website at

www.arnewsline.org and being relayed by the

volunteer services of the following radio

amateur:

(5 sec pause here)

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ON THE AIR: BARQUE STAR OF INDIA SPECAL EVENT

The oldest active sailing ship in the world, the Barque Star of India, will be on the air on Saturday November 12th and Sunday November13th using call sign NS6OI. This while sailing near San Diego, California to celebrate the vessels 148th birthday.

The Barque Star of India will be accompanied by the HMS Surprise which will also operating using the call sign NS6OI Mobile. H-M-S Surprise is a sailing replica of the 20 gun British Navy Frigate HMS Rose from the year 1757.

Listen out for both on 20 and 10 meters world-wide as well as local repeaters in Southern California. QSL cards with s self addressed stamped return envelope go to the Star of India Amateur Radio Club, NS6OI, 1492 Harbor Drive, San Diego, California, 92101. (NS6OI)

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HAM TESTING: RECORD TEST ATTENDANCE EXPECTED AT CAL POLY SLO

If you are hearing this newscast after Friday, November 4th, then this event has already taken place. That's because a record number of 150 electrical engineering freshman students from Cal Poly San Louis Obispo were scheduled to take their amateur radio technician class license exam in the largest amateur radio licensing event ever in California's San Luis Obispo area.

Hosted by the Cal Poly Amateur Radio Club, this event will break the clubs previous record of 62 new licensees, set back on October 1st. Special testing arrangements were made with the American Radio Relay League to accommodate this large of a group.

This session is likely the largest amateur radio testing session ever held at the collegiate level and we hope to have the results in next weeks Amateur Radio Newsline report. (W6AQ, Cal-Poly SLO ARC)

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THE SOCIAL SCENE: ARRL CHOOSES PACIFICON FOR ITS 2012 ARRL NATIONAL CONVENTION

The ARRL National Convention is coming to Northern California in 2012. Specifically the event will be held in Santa Clara California in conjunction with the ARRL Pacific Division Convention better known as Pacificon.

The announcement that Pacificon 2012 was made at the recent 2011 Pacificon convention banquet by Bob Inderbitzen, NQ1R, who is the Marketing Manager for the League:

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NQ1R: "I have a save-the-date announcement for you all today. Add to your Android and your iPhones the following dates: October 12th to the 14th 2012 Pacificon will host the ARRL National Convention." (applause)

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According to Inderbitzen, Pacificon, which is hosted by the Mt. Diablo Amateur Radio Club, is a already a truly great show. He says that having the ARRL National there should bring a lot of national attention to it next year.

Once again, the dates for the next years joint ARRL National and Pacificon convention is October 12th to the 14th. The venue will again be the Mariott Hotel in Santa Clara, California. We at Amateur Radio Newsline hope to see and to meet many of you there. (ARNewsline(tm))

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THE SOCIAL SCENE: NCTECH 2011 - NOVEMBER 12 IN AZLE TEXAS

The North Central Texas Emergency Communicators' HamFestival will be held form 7 a.m. to noon Central Time on Saturday, November 12th. The venue is the Azle Community Center in the city of Azle, Texas which to the North-West of Fort Worth. Amateur exams sponsored by both the W5YI VEC and ARRL VEC will be administered beginning at 9 a.m.. Talkin is on the 147.160 Mhz WC5C 2 meter repeater that uses a 110.9 hertz access tone. More information on this event is on-line at www.wc5c.org. (Via e-mail)

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THE SOCIAL SCENE: NJ OLD TIME RADIO CONVENTION GOES QRT

The annual Friends of Old-Time Radio Convention, that has been meeting for 36 years, has gone QRT.

According to news reports the gathering that has been running each year since 1975. It has folded because of a lack of featured guests who were a part of broadcast radio in its infancy through its hey-day of the 1950's.

The final Friends of Old Time Radio Convention was held October 20th to the 23rd at the Ramada Plaza hotel across the way from Newark Airport in New Jersey. This year's honoree was 88 year old Arthur Anderson who acted as a teenager with the great actor/director/producer Orson Welles.

Also present were the grandsons of 1930's song and dance man Eddie Cantor and descendants of radio actor Brace Beemer. Beemer was the voice of the Lone Ranger for most of its run on radio.

But the stars and voices of that era have almost all fallen silent and with nobody left to tribute to, now so has the gathering that has honored this art form for almost four decades. (Earthlink NewsNet)

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NAMES IN THE NEWS: PAUL GIFFIN VA7MPG APPOINTED NEW SM FDOR BRITISH COLUMBIA AND THE YUKON

Paul Giffin VA7MPG, has been appointed Radio Amateurs of Canada Section Manager for British Columbia and Yukon Section effective November 1st. Giffin has been licensed since 1993 and has been active in emergency communications for the past 47years. Over 40 of these as an operational member of the Royal Canadian Mounted Police. He is currently Emergency Coordinator for the City of Nanaimo and the southern portion of the Regional District of Nanaimo. Giffin lives in Gabriola Island, British Columbia. (RAC)

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BREAK 3

This is ham radio news for today's radio amateur. From the United States of America, We are the Amateur Radio Newsline with links to the world from our only

official website at www.arnewsline.org and

being relayed by the volunteer services of

the following radio amateur:

(5 sec pause here)

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ON THE AIR: WORLDWIDE D-STAR QSO PARTY NOV 11 -

13

If you are a user of D-Star, or planning to get a D-Star radio soon, then put aside the weekend of Friday, November 11th through Sunday November 13th. That's when ICOM will host the 2011 D-STAR QSO Party on a S-STAR repeater near you.

According to Icom, the theme of this Year's D-STAR QSO Party is "Travel the World." You can take this trip vicariously via the D-STAR network, or on 10 or 6 meter simplex, to as many countries as possible using the D-STAR network.

In addition to the fun of meeting new people in the worldwide D-STAR Community, if you submit your log you have a chance to be one of fifteen lucky hams who will be chosen to receive a free model ID-31A or ID-31E D-Star handheld from Icom.

The basic rules are these: Submit your log with a minimum of one

D-STAR contact and you are in the running. Submit a log with at least five foreign countries and you will double your chances to win. Submit ten countries, and your chances triple. And if your log has twenty or more unique countries, you quadruple your chances at becoming a winner of the new ID-31 portable.

While Jules Verne wrote about going the around the world in 80-days, you will only have 72 hours to fill your log during the D-STAR QSO Party. For complete rules on how to participate in this fun event, please take your web browser to tinyurl.com/d-star-qso-party. (Icom, Ham Nation)

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HAM RADIO IN SPACE: AUBIESAT-1 IS ON ORBIT

AUBIESAT-1 and several other satellites are now on-orbit. The birds were launched on Friday, October 28th at 09:48 UTC on board a Delta II booster from Vandenberg Air Force Base in California. Explorer-1, AubieSat-1 and M-Cubed were released at 11:26 UT. The Radio Auroral Explorer 2 followed at 11:27 UTC and the non-amateur Dynamic Ionosphere CubeSat Experiment or DICE satellite at 11:29 UTC. A few hours later, signals from Aubiesat-1 and two other of the cubesats had been heard and confirmed. (ANS)

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HELP WANTED: OPERATOR NEEDED FOR FRENCH GUYANA OPERATION

The upcoming DXpedition to French Guyana is desperately looking for another CW operator. The operation starts in Paris on December 26th form where it travels to Royale Island and ends on Jan 7, 2012. For practical reasons, candidates with some French knowledge are preferred and a valid yellow fever vaccination is required. Anyone interested in taking part in this adventure should contact Jean Paul Jolly by e-mail to f5oqk (at) orange (dot) fr. (Southgate)

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DX

In DX, word that Sable Island is a go for this year. AA4VK, N1SNB and WA4DAN say that they will be active portable CY0 between December 29th and January 6th and that the aircraft to carry the trio to the remote outpost has been chartered. For more details and updates, watch the Web page at www.cy0dxpedition.com.

The Five Star DXers Association T32C DXpedition to Christmas Island is now history. Despite initial difficulties with their container of

equipment not reaching the island, the team finished with over 213,000 contacts and this is the first time an expedition has exceeded 200,000 QSO's to that rare location.

DL7DF will be on holiday in Kenya between November 23rd and December 6th. He plans to be active as 5Z4HW and operate on all bands, 160 through 10 meters using CW, SBB, RTTY, PSK31 and SSTV as often as possible. His location will be Diani Beach at the coastline of Mombasa. QSL via his home callsign, direct or by the DARC Bureau.

S01MZ in the Western Sahara has been active in past weeks on 20 and 15 meters. He is usually heard between 12:30 and 18:00 UTC but other details are known about this station. He does say to QSL via EA1BT.

GM3YTS and GM0GAV will be operational from Malawi as 7Q7GM through November 13th. Activity will be CW only with a focus on the low bands, especially 160 and 80 meters. They are hoping to have an online log available. Look for all QSOs to be uploaded to Logbook of the World as soon as they return home. QSL via GM4FDM.

Lastly, JH8PHT will be active as AH0KT from Saipan on the Northern Mariana Islands between November 24th and the 28th. QSL via his home callsign only. Please do not QSL to Saipan.

(Above from various DX news sources)

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THAT FINAL ITEM: 2011 NTIA SPECTRUM ALLOCATION WALLCHART NOW AVAILABLE

And finally this week, have you ever wondered what lies just beyond the band limits of your FCC operating license? Many hams have and now theres a free way to find out. Yes we said free and Amateur Radio Newsline's Michael Grebert, N4OZ, is here with the details:

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The complete US Frequency Allocations between 3 kHz and 300 GHZ are published in a highly detailed, easy to read, color wall chart by the NTIA's Office of Spectrum Management. The new 2011 edition is now available to be downloaded at no charge from the Agency's website.

All US commercial, industrial, medical, military, broadcast and amateur radio frequency allocations are clearly marked and color coded to allow easy identification. Exclusive and non-exclusive bands and allocations are easily seen, as are band limits and different types of service.

The chart is available as a high resolution .pdf file, or as a 68 text based equivalent that may be more convenient for printing at home and keeping in a binder.

No matter how familiar you are with your own small part of our spectrum, this chart is a fascinating mosaic of all the varied and competing uses of this precious resource. Scanner listeners in particular will appreciate the breadth and detail included across the commonly receivable spectrum and beyond.

The National Telecommunications and Information Administration or NTIA is responsible for all US Federal Government frequency allocation and spectrum management. In this regard it is the companion body to the Federal Communications Commission or FCC, who manage the spectrum on behalf of all non Government users.

The NTIA's new chart shows the combined allocations for all users managed by both organizations, ensuring that no approved frequency usage is omitted.

Hams and radio hobbyists outside the US can also benefit from this information, as other regions and countries generally follow a similar allocation scheme, with many bands being used globally among similar services.

Both the full color wall chart and the text version of this excellent resource can be downloaded from tinyurl.com/2011chart.

For the Amateur Radio Newsline, I'm Michael Grebert, N4OZ, reporting from Music City, Nashville, Tennessee.

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Once again that free NTIA chart can be downloaded free of charge at tinyurl.com/2011chart. And you have to admit that for that price it's a hard offer to pass up. (N4OZ)

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NEWSCAST CLOSE

With thanks to Alan Labs, AMSAT, the ARRL, the CGC Communicator, CQ Magazine, the FCC, the Ohio Penn DX Bulletin, Radio Netherlands, Rain, the RSGB, the Southgate News and Australia's WIA News, that's all from the Amateur Radio Newsline(tm). Our e-mail address is newsline(at) arnewsline (dot) org. More information is available at Amateur Radio Newsline's(tm) only official website located at www.arnewsline.org. You can also write to us or support us at Amateur Radio Newsline(tm), 28197 Robin Avenue, Santa Clarita California, 91350

For now, with Bill Pasternak, WA6ITF, at the editors desk, I'm Jim Davis, W2JKD, in Vero Beach Florida saying 73 and we thank you for listening.

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